Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071422\
Data File : VV026783.D
Acq On : 14 Jul 2022 17:31
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

Quant Time: Jul 15 06:45:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 15 06:40:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	230015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	231433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69092	3.293	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.800%			
7) Chloroethane-d5	1.561	69	67101	3.701	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.000%			
11) 1,1-Dichloroethene-d2	2.101	63	151521	3.761	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.200%			
20) 2-Butanone-d5	3.899	46	153343	46.822	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.640%			
24) Chloroform-d	4.346	84	168732	4.599	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
26) 1,2-Dichloroethane-d4	5.030	65	73490	4.585	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	5.047	84	283592	4.033	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.600%			
36) 1,2-Dichloropropane-d6	6.069	67	93175	4.419	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.313	98	249300	3.994	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.800%			
43) trans-1,3-Dichloroprop...	7.625	79	28114	4.075	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.600%			
46) 2-Hexanone-d5	8.091	63	157105	52.600	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.200%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	81741	4.976	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	87874	4.142	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	157477	5.385	ug/L	100
3) Chloromethane	1.236	50	134925	4.808	ug/L	98
5) Vinyl chloride	1.304	62	152113	5.324	ug/L	99
6) Bromomethane	1.516	94	55309	3.234	ug/L	99
8) Chloroethane	1.577	64	93018	5.526	ug/L	96
9) Trichlorofluoromethane	1.744	101	195725	5.390	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	110724	5.323	ug/L	98
12) 1,1-Dichloroethene	2.111	96	105094	5.211	ug/L	92
13) Acetone	2.185	43	121411	44.061	ug/L #	46
14) Carbon disulfide	2.285	76	312794	5.264	ug/L	98
15) Methyl Acetate	2.439	43	33835	6.071	ug/L	93
16) Methylene chloride	2.500	84	122184	5.086	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	189612	5.457	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	105399	5.686	ug/L	95
19) 1,1-Dichloroethane	3.185	63	196970	5.819	ug/L	99
21) 2-Butanone	3.985	43	175759	54.693	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	100635	5.383	ug/L	99
23) Bromochloromethane	4.246	128	49073	5.698	ug/L	97
25) Chloroform	4.371	83	202928	5.724	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105538	5.525	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	173444	5.561	ug/L	99
30) Cyclohexane	4.674	56	140498	5.287	ug/L	100
31) Carbon tetrachloride	4.825	117	148143	5.379	ug/L	97
33) Benzene	5.098	78	427534	5.526	ug/L	100
34) Trichloroethene	5.911	95	102756	5.404	ug/L	98
35) Methylcyclohexane	6.127	83	150250	5.177	ug/L	96
37) 1,2-Dichloropropane	6.172	63	104985	5.674	ug/L	100
38) Bromodichloromethane	6.509	83	132524	5.494	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	120295	5.232	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	497217	58.180	ug/L	98
42) Toluene	7.387	91	453839	5.808	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	100704	5.334	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	74376	5.499	ug/L	98
47) Tetrachloroethene	7.976	164	81119	5.439	ug/L	98
48) 2-Hexanone	8.140	43	374058	60.475	ug/L	99
49) Dibromochloromethane	8.246	129	80776	5.182	ug/L	95
50) 1,2-Dibromoethane	8.352	107	67513	5.642	ug/L	95
51) Chlorobenzene	8.879	112	274215	5.550	ug/L	98
52) Ethylbenzene	9.011	91	410996	5.315	ug/L	100
53) m,p-Xylene	9.140	106	165631	5.508	ug/L	100
54) o-Xylene	9.541	106	155542	5.442	ug/L	99
55) Styrene	9.561	104	284296	5.676	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	88697	5.540	ug/L	98
59) Bromoform	9.731	173	36459	4.667	ug/L	97
60) Isopropylbenzene	9.931	105	412366	5.430	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	61899	5.513	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	309954	5.130	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	318802	5.196	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	203405	5.467	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	204158	5.396	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	185974	5.352	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12111	5.088	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	134014	5.096	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	96357	4.818	ug/L	96
71) Naphthalene	13.500	128	152718	4.609	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	90622	4.869	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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